

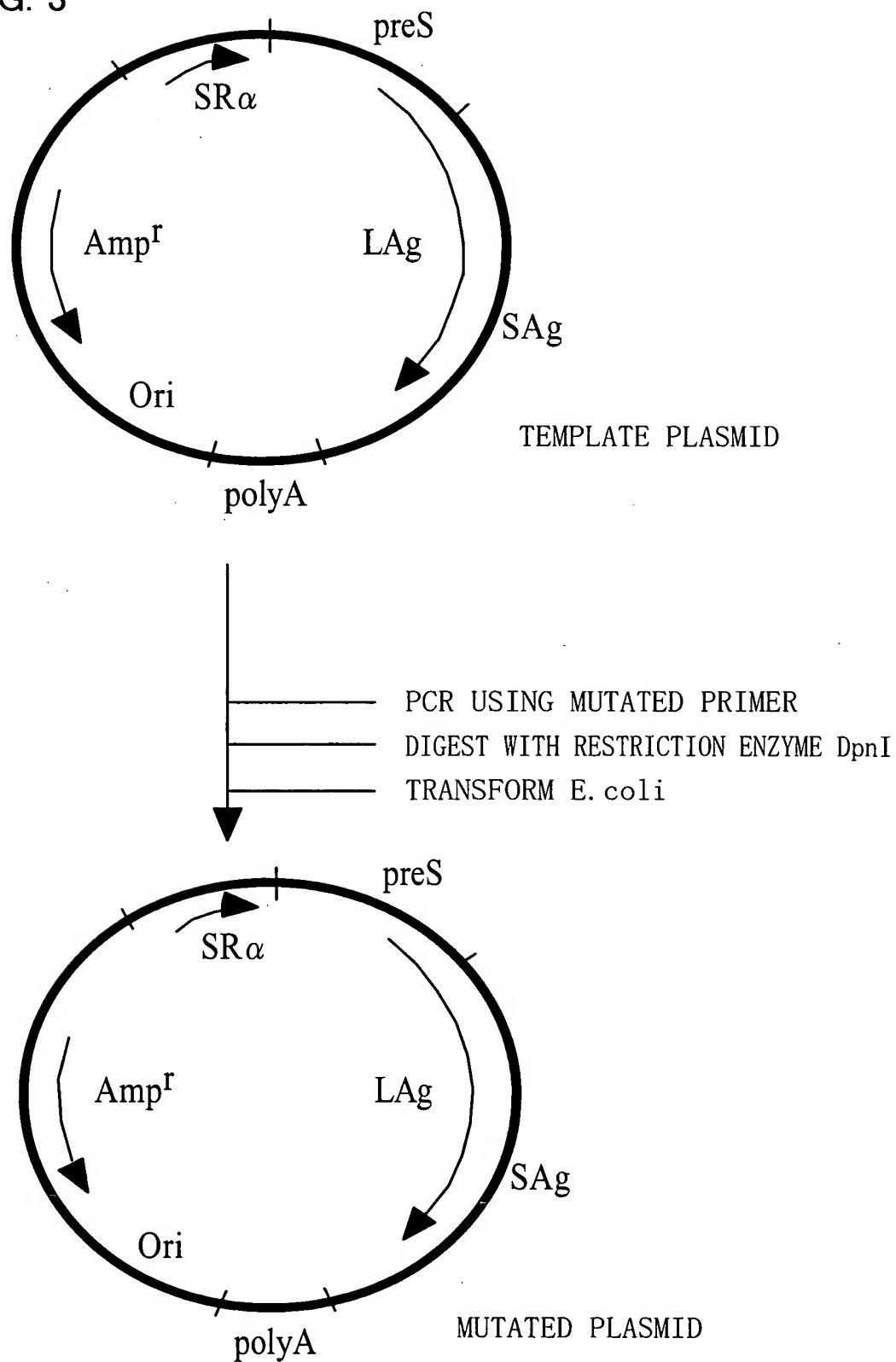
FIG. 1

mrslilvlc flplaalqav	RQMGITNLV	PNPLGFFPDH	QLDPAFGANS	NNPDWDFNPN	60
secretion signal			PreS1		
KDQWEANQV	GAGAFGPGFT	PPEGGLGWS	PQAQGILTV	PAAPPPASTN	RQGRQPTPI 120
SPPLRDSHPQ	AMQWNSTTFH	QALLDPRVRG	LFFPAGGSSS	GTVNPVPTTA	SPISGDPAPN 180
			PreS2	*	
MENTTSGFLG	PLLVLOAGFF	LLTRILTIQ	SLDSWWTSLN	FLGGAPTCPG	QNSQSPTSNH 240
*	*	*	*	*	
SPTSCPPICR	GYRWMCLRRF	IIFLFIILLC	LIFLLVLIDY	QGMLPVCPLL	PGTSTTSTGP 300
*	*	***	*	*	
CKTCTIPAQG	TSMFPSCCCT	KPSDGNCTCI	PIPSSWAFAR	FLWENASVRF	SWLSLLVPFV 360
				*	
QWFVGLSPTV	WLSVINMMWY	WGPSLYNILS	PFLPLTIPIFF	CIWVVI	406

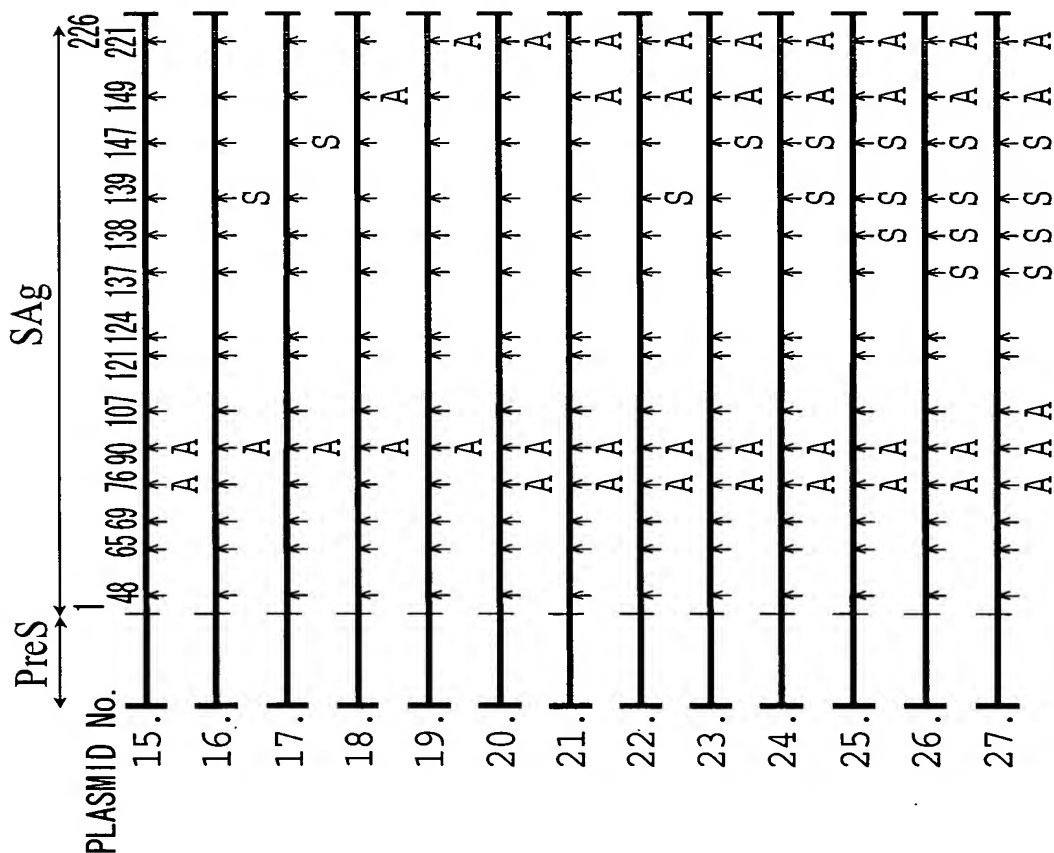
FIG. 2

Met Glu Asn Thr Thr Ser Gly Phe Leu Gly Pro Leu Leu Val Leu Gln  
 1  
 Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
 Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu Gly Gly Ala Pro Thr Cys  
 48  
 Pro Gly Gln Asn Ser Gln Ser Pro Thr Ser Asn His Ser Pro Thr Ser  
Cys Pro Pro Ile Cys Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe  
 65 69 76  
 Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
 90  
 Leu Leu Asp Tyr Gln Gly Met Leu Pro Val Cys Pro Leu Leu Pro Gly  
 107  
 Thr Ser Thr Thr Ser Thr Gly Pro Cys Lys Thr Cys Thr Ile Pro Ala  
 121 124  
 Gln Gly Thr Ser Met Phe Pro Ser Cys Cys Cys Thr Lys Pro Ser Asp  
 137 138 139  
 Gly Asn Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala Arg  
 147 149  
 Phe Leu Trp Glu Trp Ala Ser Val Arg Phe Ser Trp Leu Ser Leu Leu  
 Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
 Ser Val Ile Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr Asn Ile  
 Leu Ser Pro Phe Leu Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
 221  
 Tyr Ile  
 226

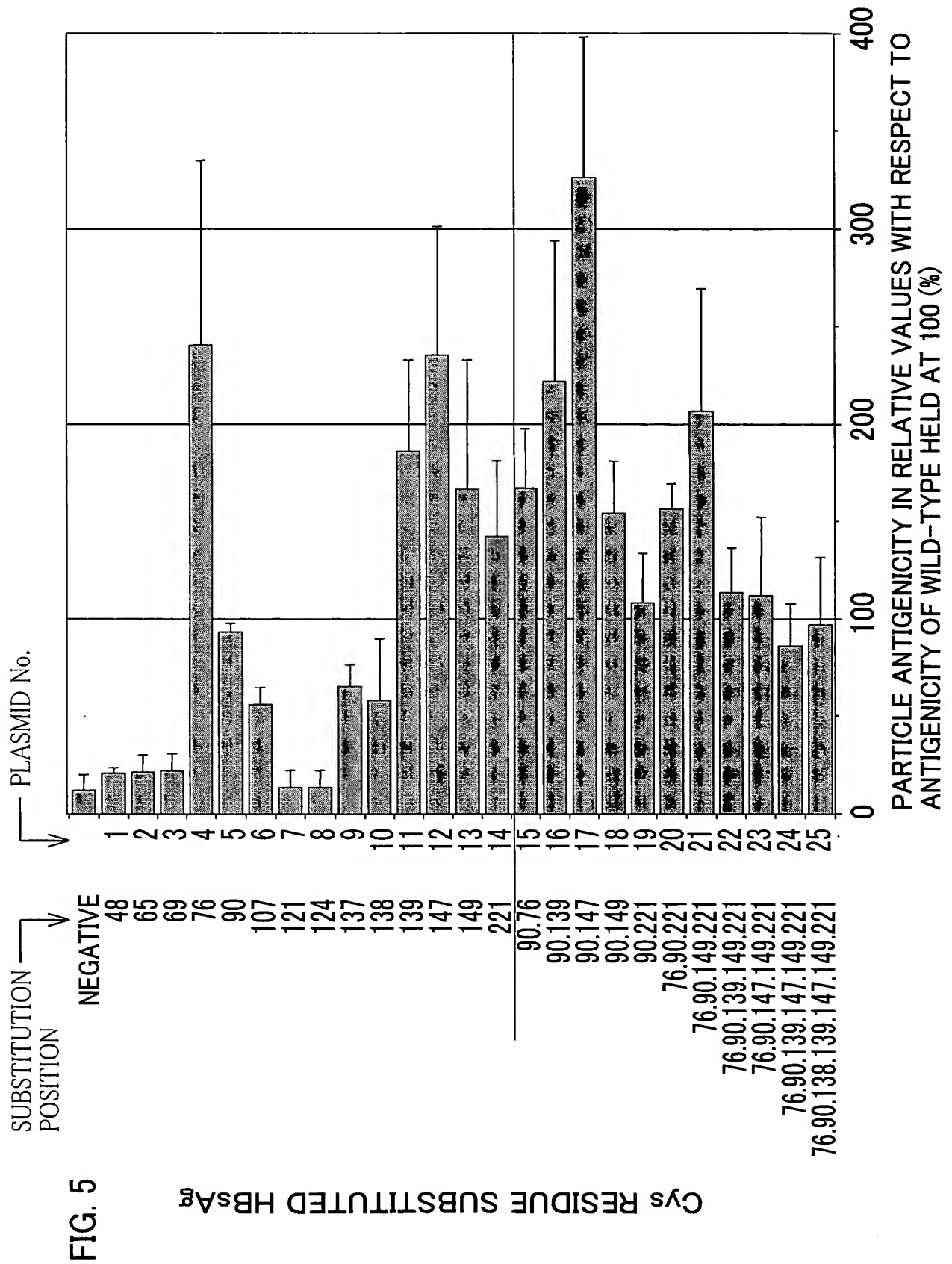
FIG. 3



**FIG. 4 (b)**



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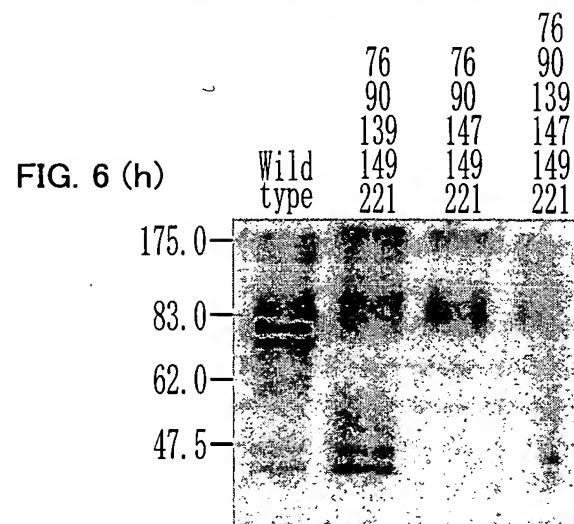
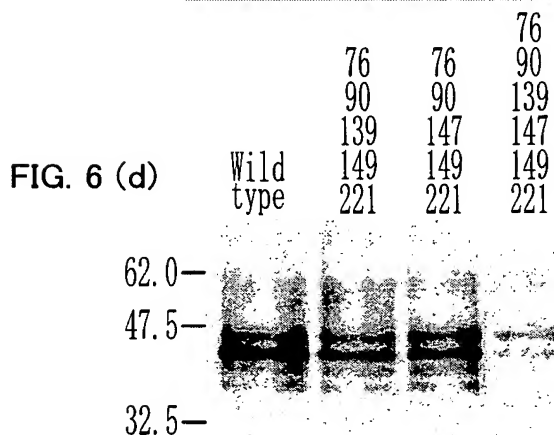
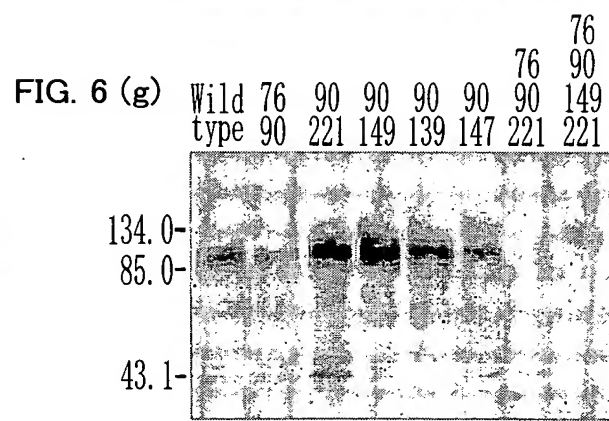
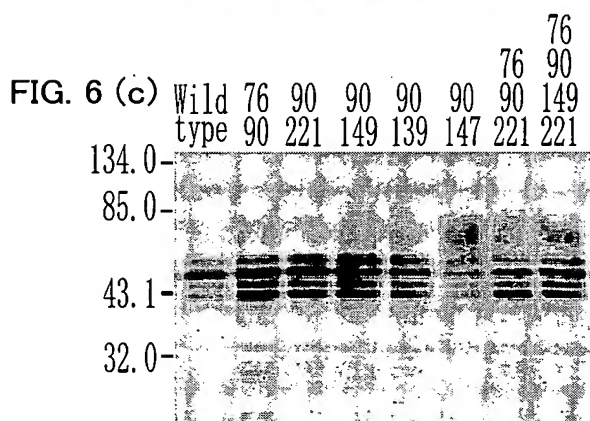
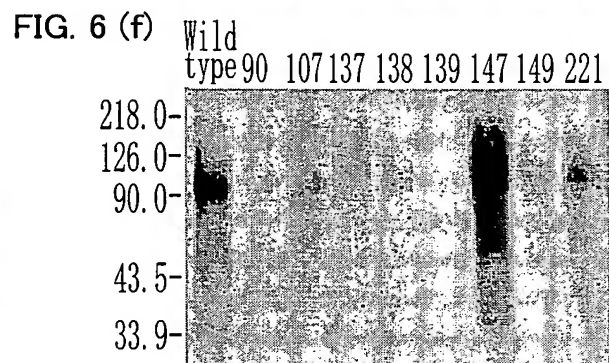
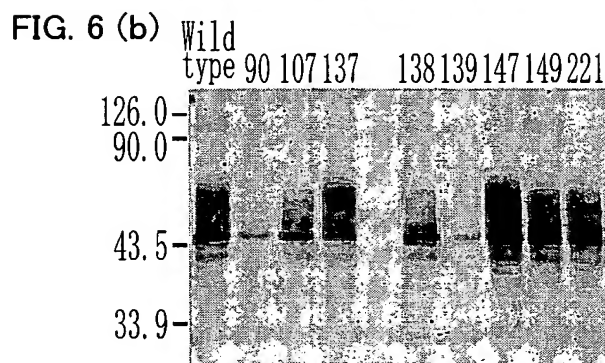
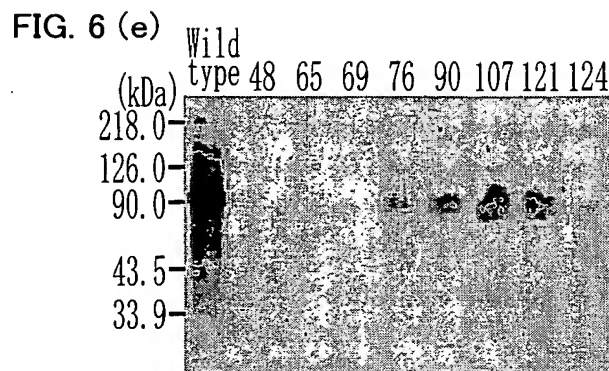
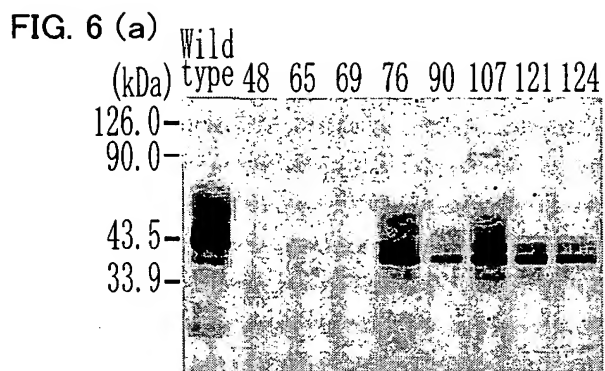


FIG. 7 (b)

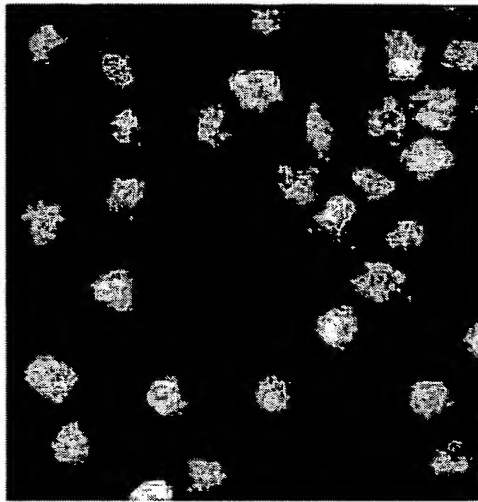


FIG. 7 (a)

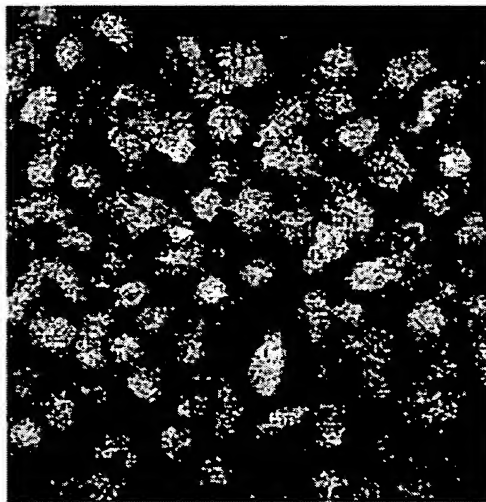


FIG. 8 (a)

POSITIVE CONTROL

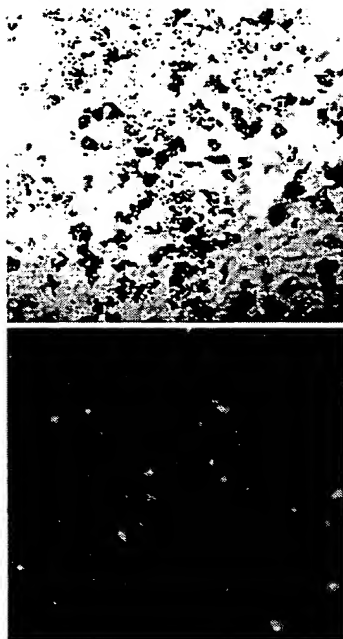


FIG. 8 (b)

NEGATIVE CONTROL

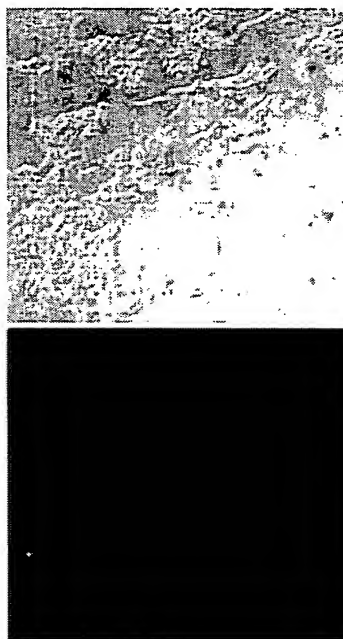


FIG. 8 (c)

NEGATIVE CONTROL

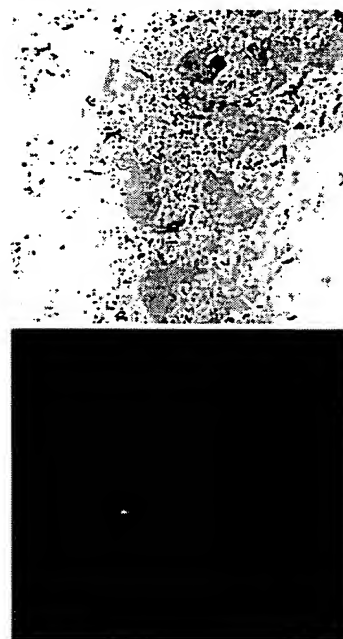


FIG. 8 (d)

WT(69ng)+GFP(200ng)



FIG. 8 (e)

BNP-Lm8(12ng)+GFP(200ng)

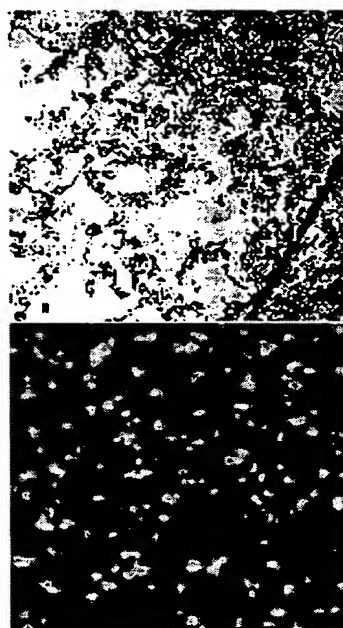


FIG. 8 (f)

BNP-Lm8(24ng)+GFP(200ng)

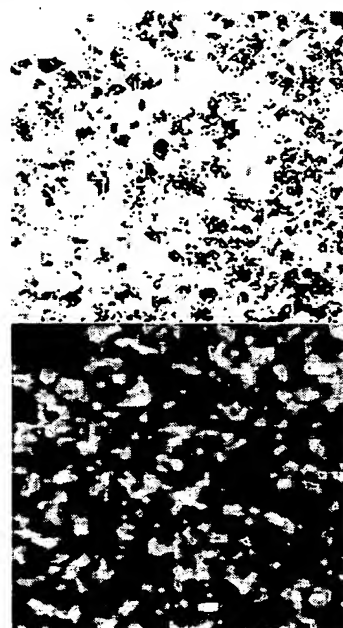




FIG. 9 (a)  
POSITIVE CONTROL

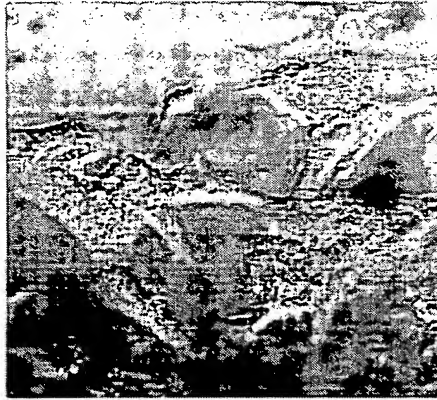


FIG. 9 (b)  
BNP-LM8(12ng)+GFP(100ng)

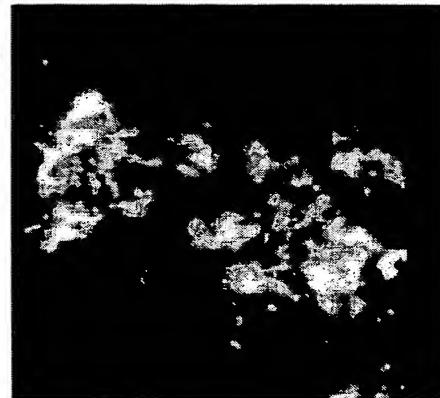


FIG. 9 (c)  
BNP-Lm8(24ng)+GFP(200ng)

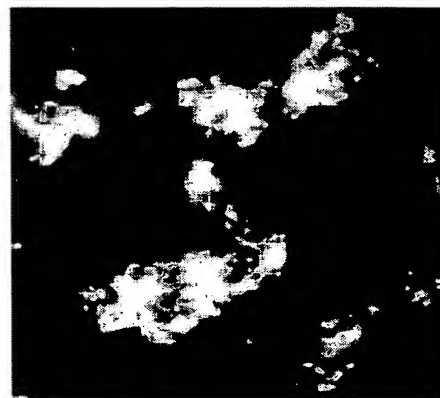
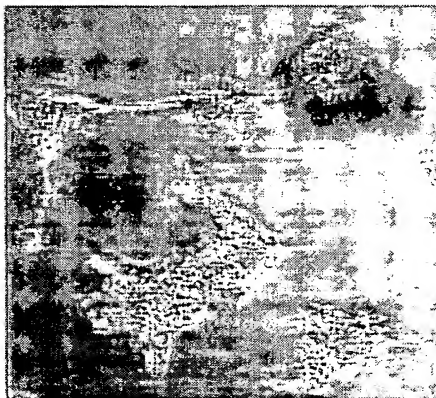


FIG. 10 (a)

POSITIVE CONTROL

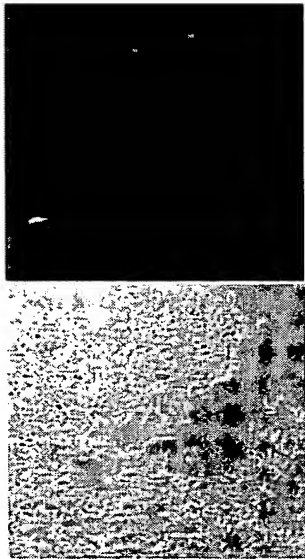


FIG. 10 (b)

NEGATIVE CONTROL

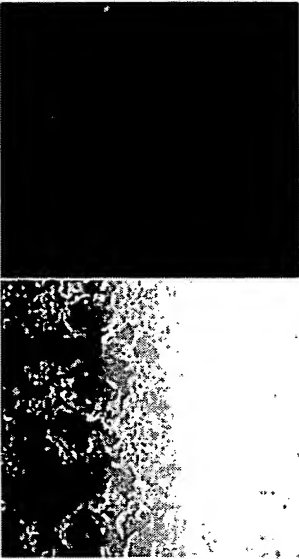


FIG. 10 (c)

WT(6. 4ng) +GFP(200ng)

ONE WEEK LATER  
↑

WT(6. 4ng) +GFP(200ng)

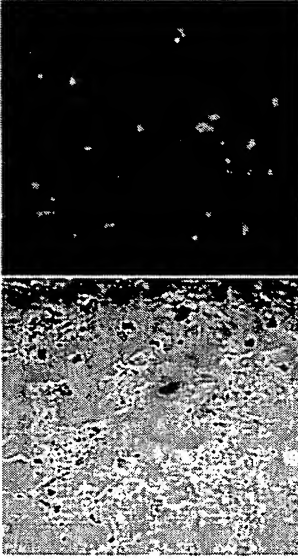
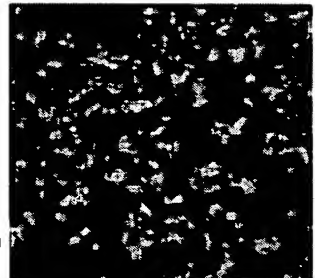
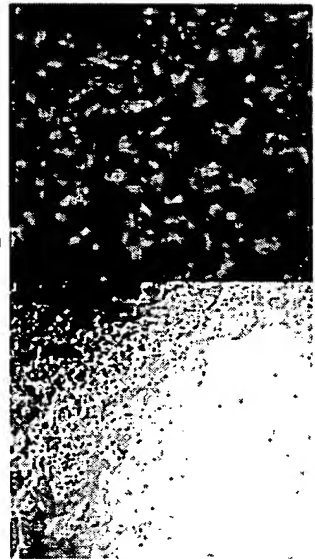
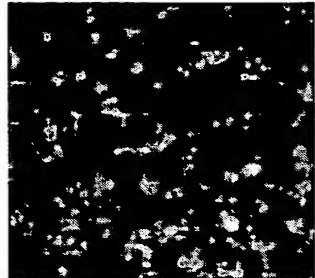
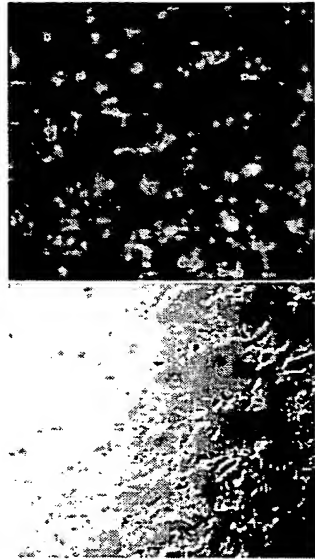


FIG. 10 (d)

BNP-Lm8(6. 4ng) +GFP(200ng)

ONE WEEK LATER  
↑

BNP-Lm8(6. 4ng) +GFP(200ng)



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FIG. 11 (a) POSITIVE CONTROL

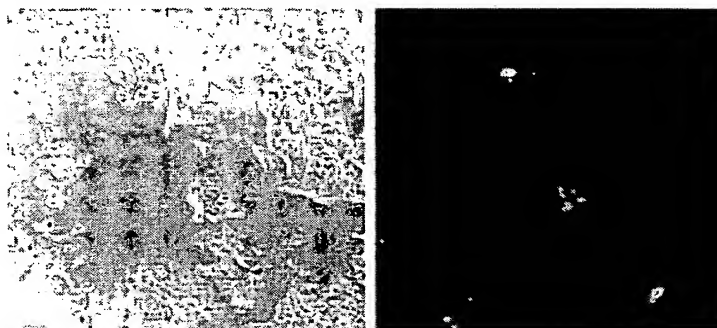


FIG. 11 (b) NEGATIVE CONTROL

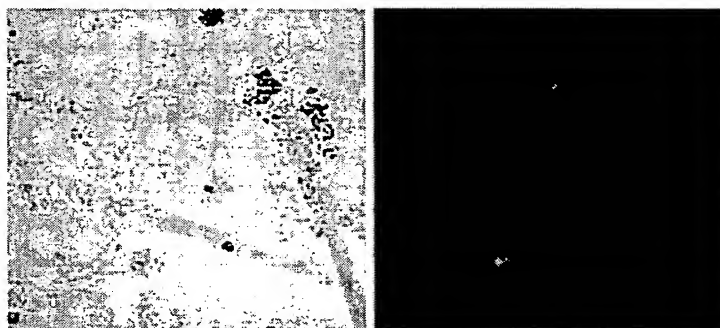


FIG. 11 (c) WT(14ng) + GFP(200ng)

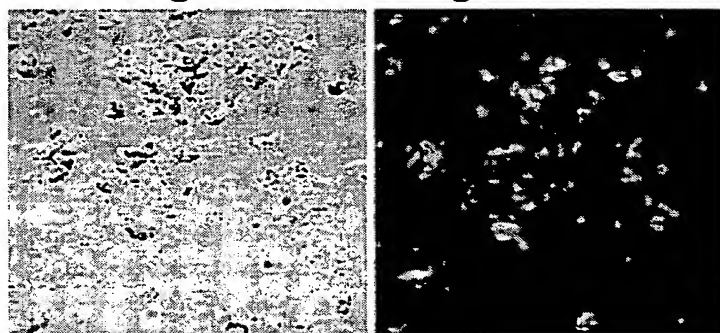


FIG. 11 (d) BNP-Lm8(5ng) + GFP(200ng)

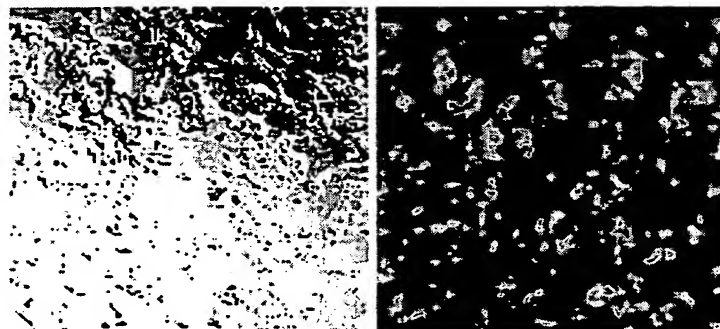


FIG. 12 (a) POSITIVE CONTROL

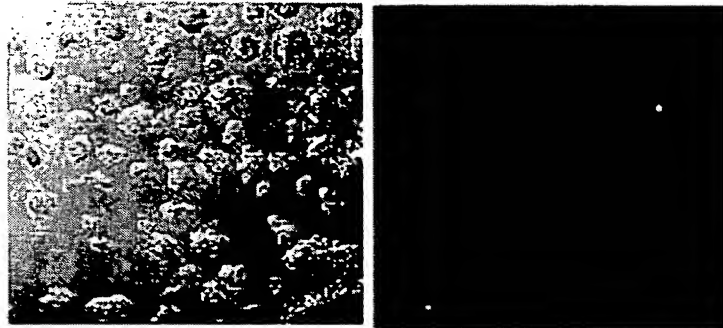


FIG. 12 (b) NEGATIVE CONTROL



FIG. 12 (c) WT(14ng) + GFP(200ng)

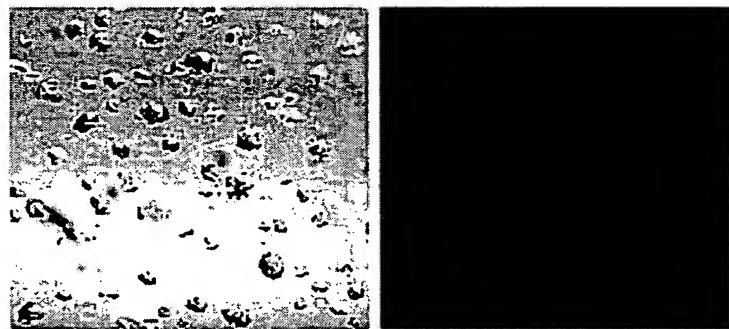


FIG. 12 (d) BNP-Lm8(5ng) + GFP(200ng)

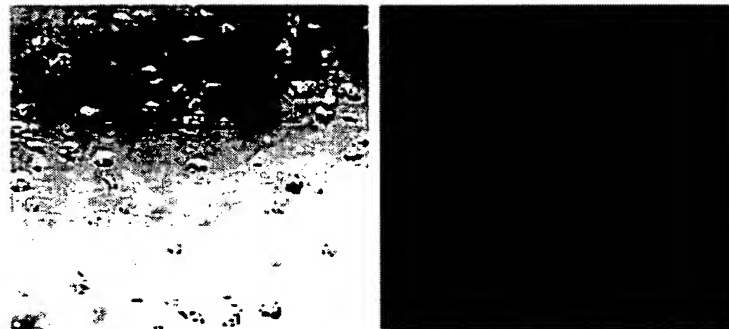


FIG. 13 (a)

POSITIVE CONTROL

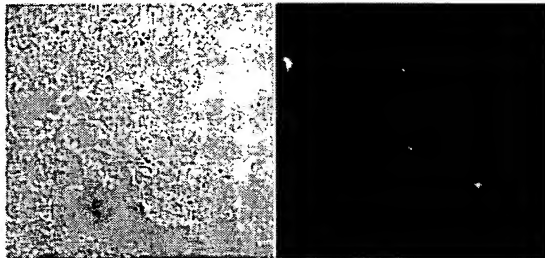


FIG. 13 (b)

NEGATIVE CONTROL

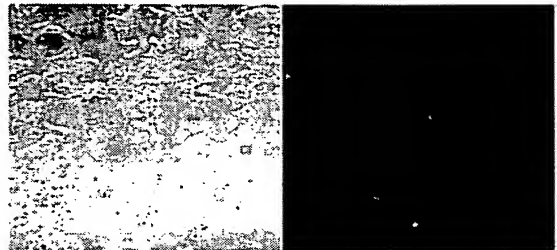


FIG. 13 (c)

WT(3.2ng)+GFP(200ng)

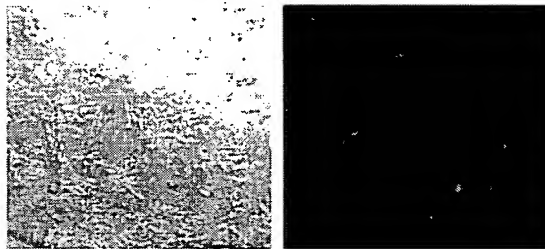


FIG. 13 (d)

WT(6.4ng)+GFP(200ng)



FIG. 13 (e)

BNP-Lm7b(3.2ng)+GFP(200ng)

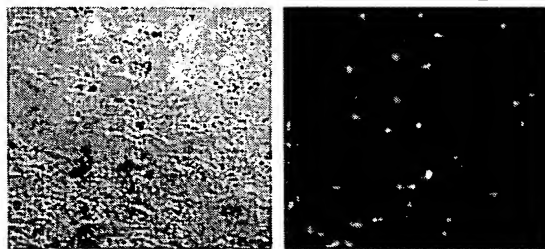


FIG. 13 (f)

BNP-Lm7b(6.4ng)+GFP(200ng)

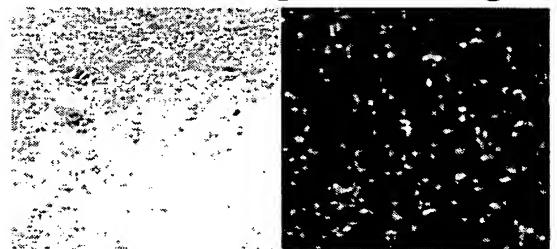


FIG. 13 (g)

BNP-Lm8(3.2ng)+GFP(200ng)

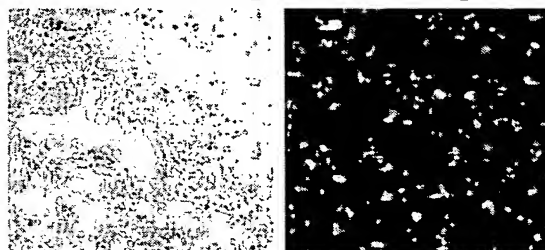


FIG. 13 (h)

BNP-Lm8(6.4ng)+GFP(200ng)

